

To: CN=Erin Foresman/OU=R9/O=USEPA/C=US@EPA[]
Cc: []
From: CN=Tom Hagler/OU=R9/O=USEPA/C=US
Sent: Wed 7/11/2012 7:20:15 PM
Subject: Re: Monday team meeting
http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/deltaflow/docs/final_rpt080310.pdf
http://www.dfg.ca.gov/water/water_rights_docs.html

I would tell the Board to ignore the BDCP since it will not affect water resources for several years.

On climate change, I think they have a state law mandate to think about it. Here again, it gets tricky. In the long run, its big problems, but in the time of a triennial review (even the Board's 10-15 year triennial review), it may not show up.

For planning purposes, I think we could tell them to assume a different precipitation pattern. DWR watershed-by-watershed projections may be useful. The historic record over the past 70 years (which is used in lots of modeling) may be optimistic. So one comment may be, don't allocate water based on the historical precipitation patterns. On the other hand, San Joaquin ag demands may go off the chart with temp rise in the valley and less local precip. So they will need to make some assumptions in analyzing climate change that will be controversial.

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From: Erin Foresman/R9/USEPA/US
To: Karen Schwinn/R9/USEPA/US@EPA
Cc: Bruce Herbold/R9/USEPA/US@EPA, Sam Ziegler/R9/USEPA/US@EPA, Tim Vendlinski/R9/USEPA/US@EPA, Tom Hagler/R9/USEPA/US@EPA, Valentina Cabrera-Stagno/R9/USEPA/US@EPA
Date: 07/11/2012 12:12 PM
Subject: Re: Monday team meeting

Hi Everyone,

The comments due to the State Board on August 17 are supposed to include information about scientific and technical reports and summaries responsive to these questions:

1. What additional scientific and technical information should the State Water Board consider to inform potential changes to the Bay-Delta Plan relating to ecosystem changes and the low salinity zone that was

not addressed in the 2009 Staff Report and the 2010 Delta Flow Criteria Report? For large reports or documents, what pages or chapters should be considered?

What is the level of scientific certainty or uncertainty regarding the foregoing information?

What changes to the Bay-Delta Plan should the State Water Board consider based on the above information to address existing circumstances and changing circumstances such as climate change and BDCP?

2. How should the State Water Board address scientific uncertainty and changing circumstances, including climate change, invasive species and other issues? Specifically, what kind of adaptive management and collaboration (short, medium, and long-term), monitoring, and special studies programs should the State Water Board consider related to ecosystem changes and the low salinity zone as part of this update to the Bay-Delta Plan?

It would be great if we could outline our responses to these questions on Monday, especially to the last question in number 1 above, and identify the primary messages we want to include in the presentation that will be given by the state and federal regulatory agencies/fishery agencies panel at the Sep 5 workshop. If we understand the main messages we want to send in our letter and in that presentation, we'll be able to improve our coordination with the other agencies that are likely to be on that panel with us (CDFG, FWS, & NMFS .. these are my guess).

Questions and format for each of the workshops are described here

http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/docs/pubnot_phs2wrkshps.pdf.

Also, keep in mind, the next workshop (Bay Delta Fishery Resources) is two weeks after the first, September 18 and 19, written comments are due on August 31.

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I work a part time schedule (M 7:30a - 4:00p, T - F 7:30 - 2:00p)

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To: Tom Hagler/R9/USEPA/US@EPA, Tim Vendlinski/R9/USEPA/US@EPA, Sam Ziegler/R9/USEPA/US@EPA, Carolyn Yale/R9/USEPA/US@EPA, Erin Foresman/R9/USEPA/US@EPA, Bruce Herbold/R9/USEPA/US@EPA,
Date: 07/10/2012 01:40 PM
Subject: Monday team meeting

Let's continue the good discussion we had today when we meet as a team on Monday at 11:00. Given vacation schedules, we need to make as much progress as we can towards our next statement to the Board (due August 17). Please plan on at least 2 hours. Thanks. - KS

Please review these documents in advance -

- SWRCB Flow

Criteria http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/deltaflow/docs/final_rpt080310.pdf

- DFG Flow Criteria

http://www.dfg.ca.gov/water/water_rights_docs.html (this page also includes Carl Wilcox's powerpoint that i sent around a few weeks ago.)

Enviro letter to Board re: WQCP review, phase 2 (others at this page may be informative as well):

http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/bay_delta_plan/comments_042512/gary_bobker.pdf

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